[redacted]

SEARCHED

Class	Sub.	Date	Exmr.
310	54	9/7/02	[illegible]
	270	/	/
	214	/	/
	261	/	/
	262	/	/
updated	about search	12/14/02	[illegible]

SEARCH NOTES
(INCLUDING SEARCH STRATEGY)

searched inventor's name	Date	Exmr.
	9/7/02	[illegible]
hollow pin, stud, bolt, fastener, nail, rivet	/	/
USPAT, USPGPUB, USOCR, EPO, JPO, DERWENT, IBM_TDB	/	/
updated about search	12/14/02	[illegible]

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.

(RIGHT OUTSIDE)